

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"9222983".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 17:51
L2	6931	barton.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 17:52
L3	15	l2 and "386"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 17:52
S1	0	386/125.ccls. and multichannel adj record\$4	USPAT	OR	OFF	2004/01/29 11:26
S2	755	386/125.ccls.	USPAT	OR	OFF	2004/01/29 11:26
S3	55	386/125.ccls. and multi adj channel	USPAT	OR	OFF	2004/01/29 11:26
S4	0	((386/125.ccls. and multi adj channel) and record\$3 adj device) and CDA	USPAT	OR	OFF	2004/01/29 11:27
S5	1	((386/125.ccls. and multi adj channel) and record\$3 adj device) and contiguous	USPAT	OR	OFF	2004/01/29 11:27
S6	10	(386/125.ccls. and multi adj channel) and record\$3 adj device	USPAT	OR	OFF	2004/01/29 15:18
S7	4	((386/125.ccls. and multi adj channel) and record\$3 adj device) and channels	USPAT	OR	OFF	2004/01/29 15:11
S8	7	((386/125.ccls. and multi adj channel) and record\$3 adj device) and program\$2	USPAT	OR	OFF	2004/01/29 15:12
S9	6	((386/125.ccls. and multi adj channel) and record\$3 adj device) and programs	USPAT	OR	OFF	2004/01/29 15:13
S10	1	"6160954".pn.	USPAT	OR	OFF	2004/01/29 15:13
S11	55	(386/125.ccls. and multi adj channel)	USPAT	OR	OFF	2004/01/29 15:18

## EAST Search History

S12	0	((386/125.ccls. and multi adj channel) ) and record adj two adj programs with time	USPAT	OR	OFF	2004/01/29 15:19
S13	0	((386/125.ccls. and multi adj channel) ) and record adj two adj programs	USPAT	OR	OFF	2004/01/29 15:19
S14	0	((386/125.ccls. and multi adj channel) ) and record adj programs	USPAT	OR	OFF	2004/01/29 15:19
S15	0	((386/125.ccls. and multi adj channel) ) and multichannel adj recording	USPAT	OR	OFF	2004/01/29 15:20
S16	0	((386/125.ccls. and multi adj channel) ) and multichannel adj record\$4	USPAT	OR	OFF	2004/01/29 15:20
S17	0	((386/125.ccls. and multi adj channel) ) and multichannel) and simultaneous adj record	USPAT	OR	OFF	2004/01/29 15:20
S18	11	((386/125.ccls. and multi adj channel) ) and multichannel	USPAT	OR	OFF	2004/01/29 15:21
S19	0	((386/125.ccls. and multi adj channel) ) and two adj channel adj record\$3	USPAT	OR	OFF	2004/01/29 15:31
S20	1	"6324338".pn.	USPAT	OR	OFF	2004/01/29 15:39
S21	1	"6233389".pn.	USPAT	OR	OFF	2004/01/29 15:40
S22	18	tivo.as.	USPAT	OR	OFF	2004/01/29 15:41
S23	0	tivo.as. and two adj tuners	USPAT	OR	OFF	2004/01/29 15:41
S24	0	tivo.as. and multichannel	USPAT	OR	OFF	2004/01/29 15:41
S25	0	tivo.as. and multi adj channel	USPAT	OR	OFF	2004/01/29 15:41
S26	2	tivo.as. and record\$4 adj programs	USPAT	OR	OFF	2004/01/29 15:42
S27	0	vent.xa.	USPAT	OR	OFF	2004/01/29 16:19
S28	1	"6169843".pn.	USPAT	OR	OFF	2004/01/29 16:21
S29	362	multichannel adj record\$4	USPAT	OR	OFF	2004/01/29 16:22
S30	24	(multichannel adj record\$4) and programs	USPAT	OR	OFF	2004/01/29 16:29
S31	207	(multichannel adj record\$4) and channels	USPAT	OR	OFF	2004/01/29 16:22
S32	3	((multichannel adj record\$4) and channels) and two adj programs	USPAT	OR	OFF	2004/01/29 16:26
S33	1	"6035425".pn.	USPAT	OR	OFF	2004/01/29 16:26
S34	1	"6263469".pn.	USPAT	OR	OFF	2004/01/29 16:27
S35	10243	multichannel	USPAT	OR	OFF	2004/01/29 16:29

## EAST Search History

S36	0	(multichannel adj record\$4 with disc) and alternat\$4 adj record\$3 adj program\$	USPAT	OR	OFF	2004/01/29 16:30
S37	31	multichannel adj record\$4 with disc	USPAT	OR	OFF	2004/01/29 16:31
S38	1	"6278837".pn.	USPAT	OR	OFF	2004/02/02 10:55
S39	1	"6038295".pn.	USPAT	OR	OFF	2004/02/04 10:32
S40	1	"6253021".pn.	USPAT	OR	OFF	2004/02/04 10:33
S41	5518	hdtv	USPAT	OR	OFF	2004/02/10 12:16
S42	67	hdtv and copyright adj protection	USPAT	OR	OFF	2004/02/10 12:17
S43	3	(hdtv and copyright adj protection) and watermark	USPAT	OR	OFF	2004/02/10 12:17
S44	0	"20020196853"	USPAT	OR	OFF	2004/02/17 15:24
S45	0	"20020196853".pn.	USPAT	OR	OFF	2004/02/17 15:24
S46	0	vent.xa.	USPAT	OR	OFF	2004/02/17 15:24
S47	0	vent.xa.	USPAT	OR	OFF	2004/02/25 12:07
S48	3686	butler.in.	USPAT	OR	OFF	2004/02/25 12:07
S49	16	butler.in. and moore.in.	USPAT	OR	OFF	2004/02/25 12:08
S50	0	(butler.in. and moore.in.) and microsoft.as.	USPAT	OR	OFF	2004/02/25 12:10
S51	188191	(transmission, reception and display of combined video data in a set area of a hyperlink data file).ti.	USPAT	OR	OFF	2004/02/25 15:57
S52	0	DVD and markup adj language adj control adj environment\$	USPAT	OR	OFF	2004/02/25 15:57
S53	0	dvd and markup adj language adj control adj environment\$	USPAT	OR	OFF	2004/02/25 15:57
S54	0	digital adj video adj disk and markup adj language adj control adj environment\$	USPAT	OR	OFF	2004/02/25 15:57
S55	0	markup adj language adj control adj environment\$	USPAT	OR	OFF	2004/02/25 15:58
S56	2455	video and markup adj language	USPAT	OR	OFF	2004/02/25 15:59
S57	0	,arkup adj langiage adj page	USPAT	OR	OFF	2004/02/25 15:59
S58	0	markup adj langiage adj page	USPAT	OR	OFF	2004/02/25 15:59
S59	4542	markup adj language	USPAT	OR	OFF	2004/02/25 15:59
S60	18	(markup adj language) and first adj script	USPAT	OR	OFF	2004/02/25 16:00
S61	0	((markup adj language) and first adj script) and DVD	USPAT	OR	OFF	2004/02/25 16:00
S62	0	((markup adj language) and first adj script) and card adj swipe	USPAT	OR	OFF	2004/02/25 16:00

## EAST Search History

S63	10	(markup adj language) and card adj swipe	USPAT	OR	OFF	2004/02/25 16:01
S64	0	((markup adj language) and card adj swipe) and DVD	USPAT	OR	OFF	2004/02/25 16:01
S65	0	vent.xa.	USPAT	OR	OFF	2004/03/01 09:11
S66	33060	audio and store	USPAT	OR	OFF	2004/03/01 09:11
S67	1	(audio and store) and white adj book adj specification	USPAT	OR	OFF	2004/03/01 09:13
S68	307	(audio and store) and play adj time	USPAT	OR	OFF	2004/03/01 09:13
S69	12	(audio and store) and "50" adj hour\$	USPAT	OR	OFF	2004/03/01 09:14
S70	169	386/98.ccls.	USPAT	OR	OFF	2004/03/01 09:15
S71	166	386/98.ccls. and audio	USPAT	OR	OFF	2004/03/01 09:15
S72	72	(386/98.ccls. and audio) and store	USPAT	OR	OFF	2004/03/01 09:15
S73	4	((386/98.ccls. and audio) and store) and play adj time	USPAT	OR	OFF	2004/03/01 09:16
S74	1	"5790744".pn.	USPAT	OR	OFF	2004/03/01 09:16
S75	1	"5729651".pn.	USPAT	OR	OFF	2004/03/01 09:17
S76	1	"5717461".pn.	USPAT	OR	OFF	2004/03/01 09:17
S77	1	"386"/\$.ccls. and audio adj only adj file\$	USPAT	OR	OFF	2004/03/01 11:15
S78	33	"386"/\$.ccls. and audio adj storage	USPAT	OR	OFF	2004/03/01 13:10
S79	2	audio-only adj file	USPAT	OR	OFF	2004/03/01 13:11
S80	2657	audio and mux\$4	USPAT	OR	OFF	2004/03/01 13:11
S81	2226	audio and still adj picture\$	USPAT	OR	OFF	2004/03/01 13:12
S82	0	(audio and still adj picture\$) and mux\$5 adj file	USPAT	OR	OFF	2004/03/01 13:12
S83	201	(audio and still adj picture\$) and mux\$5	USPAT	OR	OFF	2004/03/01 13:12
S84	52	((audio and still adj picture\$) and mux\$5 ) and compact adj disc	USPAT	OR	OFF	2004/03/01 13:12
S85	0	((((audio and still adj picture\$) and mux\$5 ) and compact adj disc) and muxing adj file	USPAT	OR	OFF	2004/03/01 13:12
S86	0	((((audio and still adj picture\$) and mux\$5 ) and compact adj disc) and CD-R	USPAT	OR	OFF	2004/03/01 13:13
S87	3	((((audio and still adj picture\$) and mux\$5 ) and compact adj disc) and DVD	USPAT	OR	OFF	2004/03/01 13:13
S88	28	386/46.ccls. and video adj switch\$3	USPAT	OR	OFF	2004/03/01 15:48

## EAST Search History

S89	12	(386/46.ccls. and video adj switch\$3) and reproduc\$4 and record\$4	USPAT	OR	OFF	2004/03/01 15:48
S90	0	"6292625.pn"	USPAT	OR	OFF	2004/03/04 12:28
S91	1	"6292625".pn.	USPAT	OR	OFF	2004/03/04 12:28
S92	768	386/125.ccls.	USPAT	OR	OFF	2004/03/10 14:10
S93	154	386/125.ccls. and disk adj drive	USPAT	OR	OFF	2004/03/10 14:10
S94	0	(386/125.ccls. and disk adj drive) and IT adj segment\$	USPAT	OR	OFF	2004/03/10 14:10
S95	0	(386/125.ccls. and disk adj drive) and AV adj segment\$	USPAT	OR	OFF	2004/03/10 14:11
S96	1	(386/125.ccls. and disk adj drive) and non adj time adj critical	USPAT	OR	OFF	2004/03/10 14:11
S97	6	386/83.ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/15 13:33
S98	0	386/?ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/15 13:34
S99	0	386/?ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/15 13:34
S100	8	"386"/\$.ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/15 13:36
S101	1	"6240240".pn.	USPAT	OR	OFF	2004/03/15 13:41
S102	1	"6233389".pn.	USPAT	OR	OFF	2004/03/15 13:41
S103	18	tivo.as.	USPAT	OR	OFF	2004/03/15 16:19
S104	19376	sony.as.	USPAT	OR	OFF	2004/03/15 16:19
S105	344	sony.as. and hdtv	USPAT	OR	OFF	2004/03/15 16:19
S106	0	(sony.as. and hdtv) and directv	USPAT	OR	OFF	2004/03/15 16:19
S107	0	(sony.as. and hdtv) and "Directv"	USPAT	OR	OFF	2004/03/15 16:19
S108	53	(sony.as. and hdtv) and satellite	USPAT	OR	OFF	2004/03/15 16:19
S109	0	(sony.as. and hdtv) and directv	USPAT	OR	OFF	2004/03/15 16:19
S110	29	((sony.as. and hdtv) and satellite) and receiver	USPAT	OR	OFF	2004/03/15 16:19
S111	8	"386"/\$.ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/16 13:54

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S11 2	0	386/85.ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/16 13:54
S11 3	2	386/95.ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/16 13:55
S11 4	6	386/46.ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/16 13:55
S11 5	0	395/325.ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/16 13:55
S11 6	6	386/83.ccls. and conflict adj resolution	USPAT	OR	OFF	2004/03/16 13:57
S11 7	1	"5307173".pn.	USPAT	OR	OFF	2004/03/16 13:58
S11 8	1	"5686954".pn.	USPAT	OR	OFF	2004/03/16 13:59
S11 9	935	conflict adj resolution	USPAT	OR	OFF	2004/03/16 13:59
S12 0	403	(conflict adj resolution) and schedul\$4	USPAT	OR	OFF	2004/03/16 13:59
S12 1	102	((conflict adj resolution) and schedul\$4) and user adj input	USPAT	OR	OFF	2004/03/16 14:00
S12 2	81	((((conflict adj resolution) and schedul\$4) and user adj input) and record	USPAT	OR	OFF	2004/03/16 14:00
S12 3	1	"6240240".pn.	USPAT	OR	OFF	2004/03/16 17:58
S12 4	38	jobs.in.	USPAT	OR	OFF	2004/03/16 17:59
S12 5	1398	gates.in.	USPAT	OR	OFF	2004/03/16 17:59
S12 6	0	gates-bill.in.	USPAT	OR	OFF	2004/03/16 17:59
S12 7	2	gates.in. and microsoft.as.	USPAT	OR	OFF	2004/03/16 17:59
S12 8	18	tivo.as.	USPAT	OR	OFF	2004/03/17 13:55
S12 9	0	replay-tv.as.	USPAT	OR	OFF	2004/03/17 11:27
S13 0	5	replay.as.	USPAT	OR	OFF	2004/03/17 11:28
S13 1	3	replaytv.as.	USPAT	OR	OFF	2004/03/17 13:58
S13 2	0	digital-networks.as.	USPAT	OR	OFF	2004/03/17 11:29

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S13 3	0	digital-networks-north-america.as.	USPAT	OR	OFF	2004/03/17 11:29
S13 4	1	"386"/\$.ccls. and pause adj television	USPAT	OR	OFF	2004/03/17 13:56
S13 5	0	"386"/\$.ccls. and pause adj live adj television	USPAT	OR	OFF	2004/03/17 13:56
S13 6	0	"725"/\$.ccls. and pause adj live adj television	USPAT	OR	OFF	2004/03/17 13:59
S13 7	443	"725"/\$.ccls. and pause	USPAT	OR	OFF	2004/03/17 13:59
S13 8	236	("725"/\$.ccls. and pause ) and tv	USPAT	OR	OFF	2004/03/17 13:59
S13 9	65	((("725"/\$.ccls. and pause ) and tv) and live	USPAT	OR	OFF	2004/03/17 13:59
S14 0	24	tivo.as.	USPAT	OR	OFF	2005/02/07 15:32
S14 1	4	S140 and start and end adj time	USPAT	OR	OFF	2005/02/07 16:06
S14 2	1	"6510209".pn.	USPAT	OR	OFF	2005/02/07 16:12
S14 3	9	"5748716"	USPAT	OR	OFF	2005/02/07 16:12
S14 4	11	terado.in.	USPAT	OR	OFF	2005/05/25 18:03
S14 5	117	725/58.ccls.	USPAT	OR	OFF	2005/05/25 18:03
S14 6	10	S145 and vps	USPAT	OR	OFF	2005/05/25 18:04
S14 7	1	"5956455".pn.	USPAT	OR	OFF	2005/05/27 10:50
S14 8	1	"725"/\$.ccls. and priority adj rules	USPAT	OR	OFF	2005/05/27 10:51
S14 9	1	"386"/\$.ccls. and priority adj rules	USPAT	OR	OFF	2005/05/27 10:57
S15 0	10	"386"/\$.ccls. and conflict adj resolution	USPAT	OR	OFF	2005/12/08 11:06
S15 1	26	(725/37 or 725/38 or 725/39 or 725/46) and (view\$6 adj preference)	USPAT	OR	OFF	2005/05/27 11:21
S15 2	25	S151 and record\$5	USPAT	OR	OFF	2005/05/27 11:22
S15 3	3	S152 and conflict	USPAT	OR	OFF	2005/05/27 11:22

## EAST Search History

S15 4	1	"6208799".pn.	USPAT	OR	OFF	2006/04/10 10:25
S15 5	20	vent.xa.	USPAT	OR	OFF	2006/04/10 10:26
S15 6	1	"6564005".pn.	USPAT	OR	OFF	2006/04/10 11:20
S15 7	1	"6208799".pn.	USPAT	OR	OFF	2006/04/10 11:20
S15 8	1	"6177931".pn.	USPAT	OR	OFF	2006/04/10 11:20
S15 9	1	"6141488".pn.	USPAT	OR	OFF	2006/04/10 15:59
S16 0	1	"20020186485"	US-PGPUB; USPAT	OR	OFF	2006/04/10 15:59
S16 1	1	"6564005".pn.	USPAT	OR	OFF	2006/10/23 15:02
S16 2	1128936	subtitle near\$4 language\$1	USPAT	OR	OFF	2006/10/27 16:00
S16 3	211751	S162 and display	USPAT	OR	OFF	2006/10/27 16:00
S16 4	1858	S163 and "386"/\$.ccls.	USPAT	OR	OFF	2006/10/27 16:01
S16 5	390	S164 and two and languages\$2	USPAT	OR	OFF	2006/10/27 16:01
S16 6	390	S165 and display	USPAT	OR	OFF	2006/10/27 16:01
S16 7	390	S166 and two and languages	USPAT	OR	OFF	2006/10/27 16:02
S16 8	2432443	(multiple near\$5 plurality) near\$5 subtitle	USPAT	OR	OFF	2006/10/27 16:03
S16 9	1562031	(multiple) near\$5 subtitle	USPAT	OR	OFF	2006/10/27 16:03
S17 0	1600729	(multiple near\$ language) near\$5 subtitle	USPAT	OR	OFF	2006/10/27 16:03
S17 1	1048514	(multiple near language) near\$5 subtitle	USPAT	OR	OFF	2006/10/27 16:04
S17 2	1600564	(multiple near\$2 language) near\$5 subtitle	USPAT	OR	OFF	2006/10/27 16:04
S17 3	1600564	(multiple near\$3 language) near\$5 subtitle	USPAT	OR	OFF	2006/10/27 16:04
S17 4	1087025	(multiple and language) near\$5 subtitle	USPAT	OR	OFF	2006/10/27 16:04
S17 5	49	(multiple and language) same subtitle	USPAT	OR	OFF	2006/10/27 16:14



## EAST Search History

S17 6	1	"5734436".pn.	USPAT	OR	OFF	2006/10/27 16:15
S17 7	1	"6816201".pn.	USPAT	OR	OFF	2006/10/27 16:16
S17 8	1	"6064376".pn.	USPAT	OR	OFF	2006/10/27 16:16
S17 9	1	"6407776".pn.	USPAT	OR	OFF	2006/10/27 16:17
S18 0	1	"6816201".pn.	USPAT	OR	OFF	2006/10/27 16:17
S18 1	1	"5570944".pn.	USPAT	OR	OFF	2006/10/27 16:19
S18 2	27	(multiple near language) near subtitle	USPAT	OR	OFF	2006/10/27 16:21
S18 3	0	display near (multiple near language) near subtitle	USPAT	OR	OFF	2006/10/27 16:22
S18 4	2	"725"/\$.ccls. and ((multiple near language) near subtitle)	USPAT	OR	OFF	2006/10/27 16:23
S18 5	2	"725"/\$.ccls. and ((multiple near language) near (subtitle or vbi))	USPAT	OR	OFF	2006/10/27 16:23
S18 6	20	"386"/\$.ccls. and ((multiple near language) near (subtitle or vbi))	USPAT	OR	OFF	2006/10/27 16:24
S18 7	27	((multiple near language) near (subtitle or vbi))	USPAT	OR	OFF	2006/10/27 16:25
S18 8	38	((multiple near language) near (subtitle or vbi))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 13:51
S18 9	2	"5848271".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 16:48
S19 0	2	"20020114397"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 16:48

## EAST Search History

S19 1	41	vent.xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:23
S19 2	3	"6564005".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:24
S19 3	2	"6177931".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:25
S19 4	2	"6208799".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:26
S19 5	2988	conflict adj resolution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:31
S19 6	1349	S195 and (record)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:28
S19 7	0	S196 and (record adj both adj conflict adj information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:27

## EAST Search History

S19 8	94	S196 and (record\$4 adj list)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:28
S19 9	3	S198 and ("386"/\$.ccls. or "725"/\$. ccls)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 14:29
S20 0	35	S195 and "386"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/05 17:51